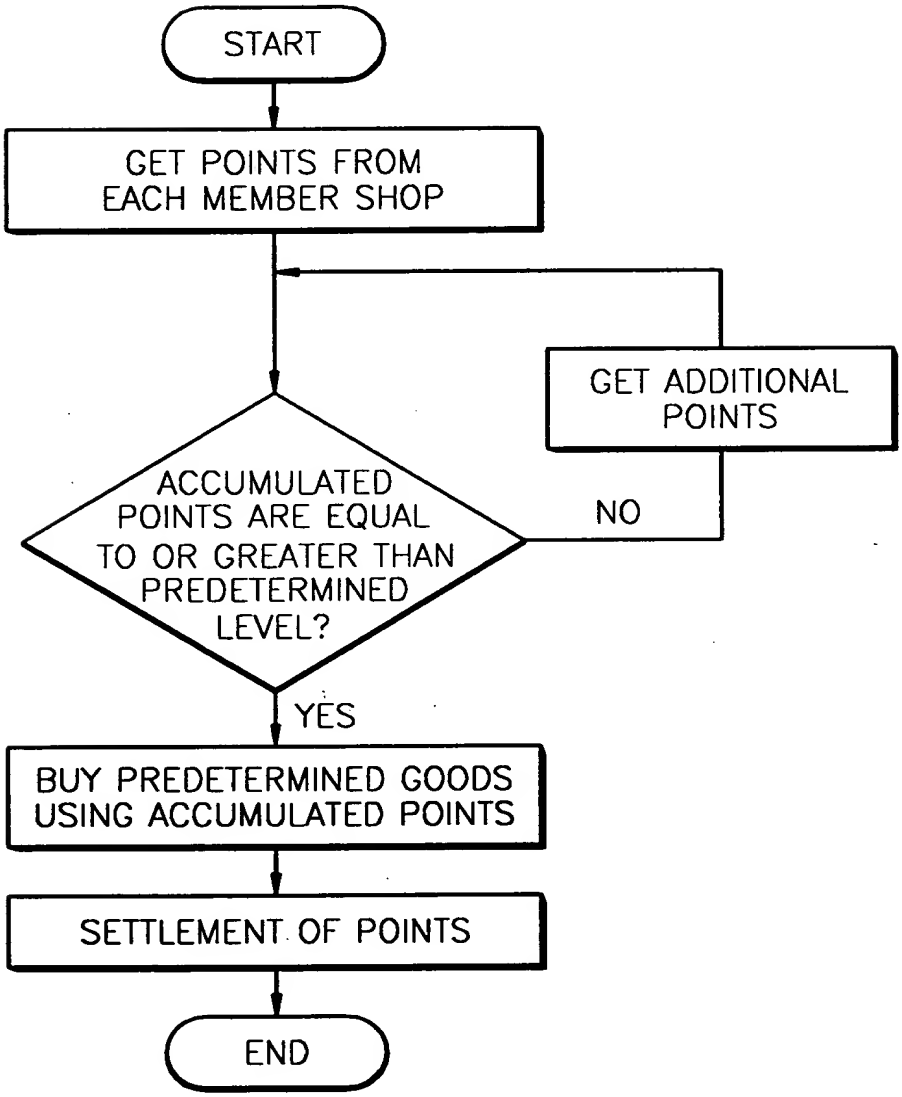
FIG. 1



ATTORNEY DOCKET

FIG. 2

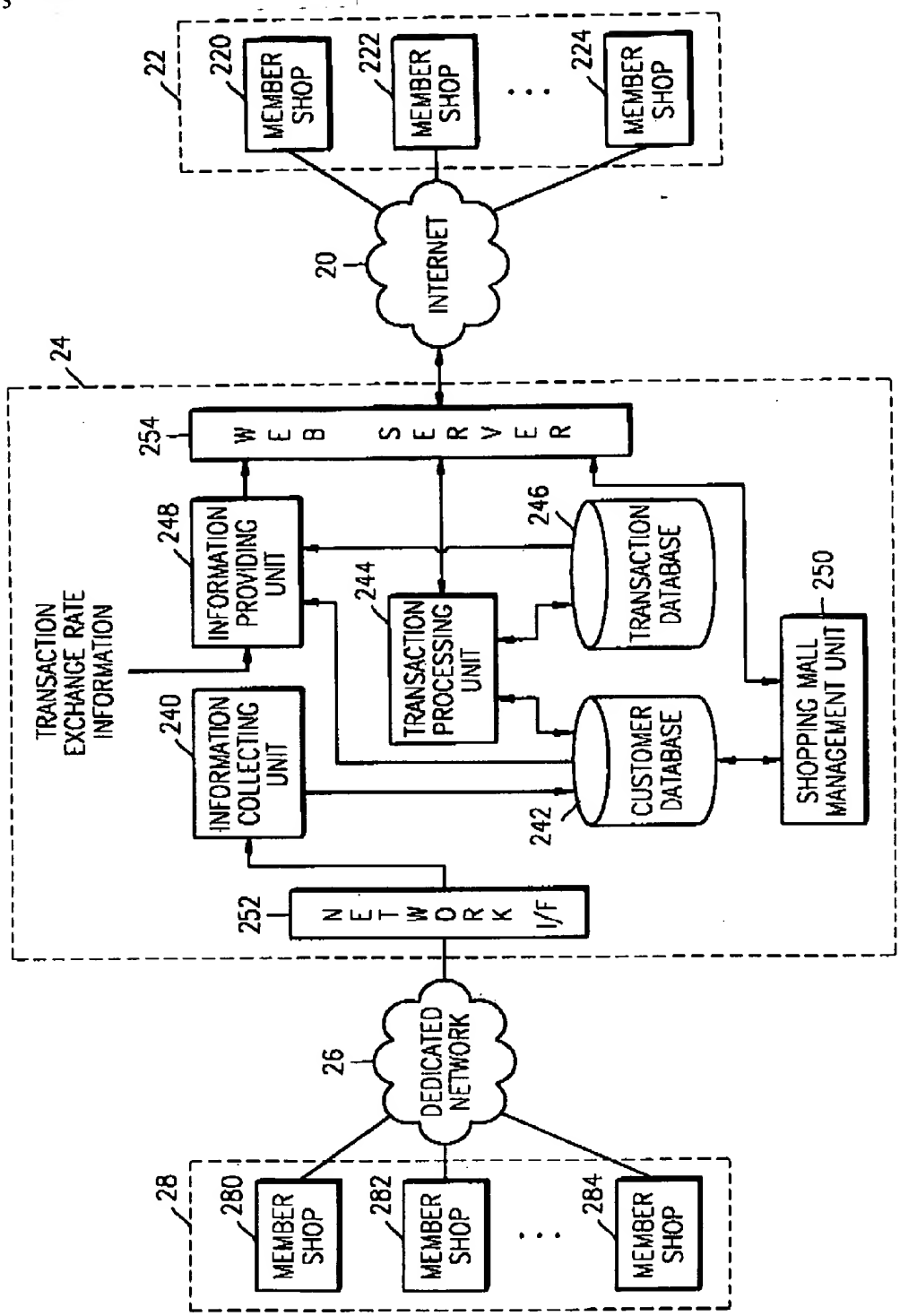

22
220
MEMBER SHOP
222
MEMBER SHOP
224
MEMBER SHOP
20
INTERNET
24
254
WEB SERVER
248
INFORMATION PROVIDING UNIT
246
TRANSACTION DATABASE
244
TRANSACTION PROCESSING UNIT
250
SHOPPING MALL MANAGEMENT UNIT
TRANSACTION EXCHANGE RATE INFORMATION
240
INFORMATION COLLECTING UNIT
CUSTOMER DATABASE
242
252
NETWORK I/F
26
DEDICATED NETWORK
28
280
MEMBER SHOP
282
MEMBER SHOP
284
MEMBER SHOP

FIG. 3

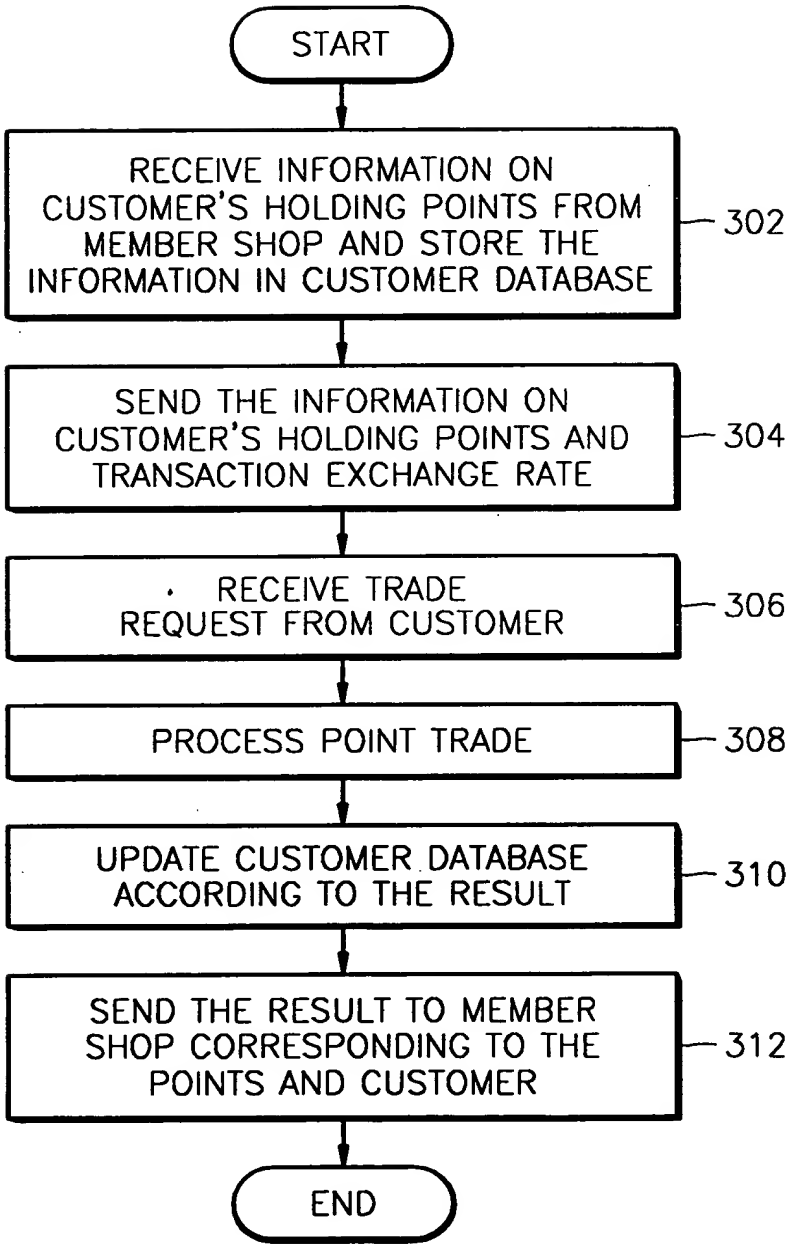

START
RECEIVE INFORMATION ON CUSTOMER'S HOLDING POINTS FROM MEMBER SHOP AND STORE THE INFORMATION IN CUSTOMER DATABASE
302
SEND THE INFORMATION ON CUSTOMER'S HOLDING POINTS AND TRANSACTION EXCHANGE RATE
304
RECEIVE TRADE REQUEST FROM CUSTOMER
306
PROCESS POINT TRADE
308
UPDATE CUSTOMER DATABASE ACCORDING TO THE RESULT
310
SEND THE RESULT TO MEMBER SHOP CORRESPONDING TO THE POINTS AND CUSTOMER
312
END

FIG. 4

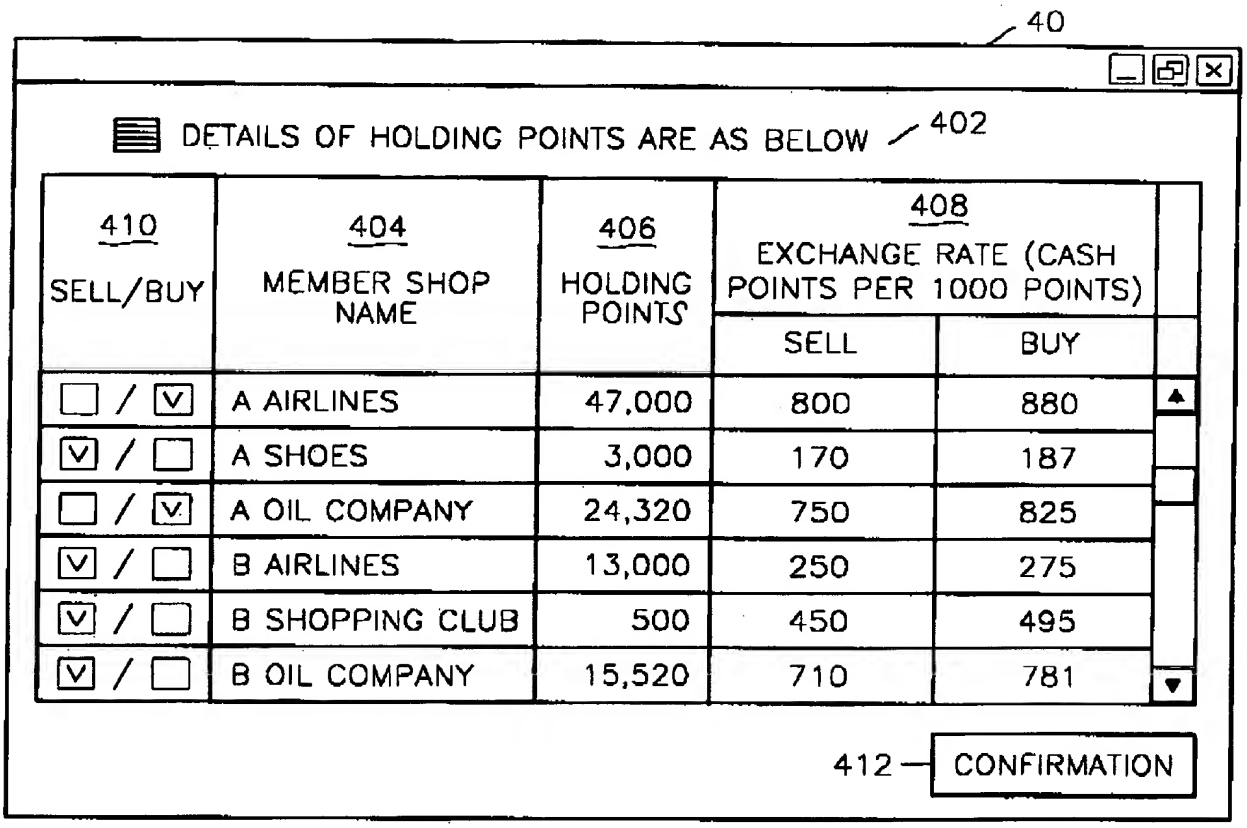
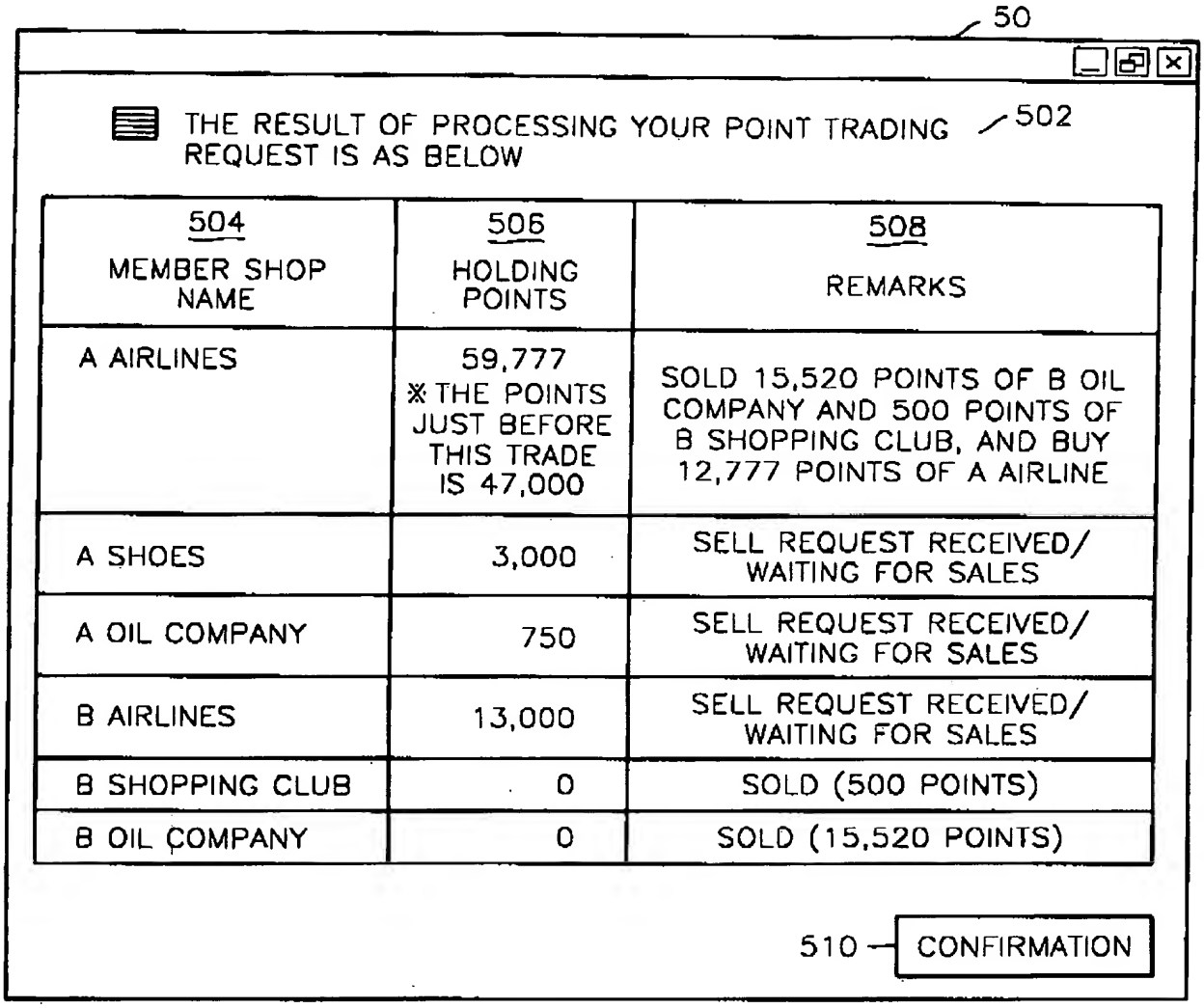

40
DETAILS OF HOLDING POINTS ARE AS BELOW
402
410
SELL/BUY
404
MEMBER SHOP NAME
406
HOLDING POINTS
408
EXCHANGE RATE (CASH POINTS PER 1000 POINTS)
SELL
BUY
☐ / ☑
A AIRLINES
47,000
800
880
☑ / ☐
A SHOES
3,000
170
187
☐ / ☑
A OIL COMPANY
24,320
750
825
☑ / ☐
B AIRLINES
13,000
250
275
☑ / ☐
B SHOPPING CLUB
500
450
495
☑ / ☐
B OIL COMPANY
15,520
710
781
412
CONFIRMATION

FIG. 5


50
THE RESULT OF PROCESSING YOUR POINT TRADING REQUEST IS AS BELOW
502
504 MEMBER SHOP NAME
506 HOLDING POINTS
508 REMARKS
A AIRLINES
59,777 ※ THE POINTS JUST BEFORE THIS TRADE IS 47,000
SOLD 15,520 POINTS OF B OIL COMPANY AND 500 POINTS OF B SHOPPING CLUB, AND BUY 12,777 POINTS OF A AIRLINE
A SHOES
3,000
SELL REQUEST RECEIVED/ WAITING FOR SALES
A OIL COMPANY
750
SELL REQUEST RECEIVED/ WAITING FOR SALES
B AIRLINES
13,000
SELL REQUEST RECEIVED/ WAITING FOR SALES
B SHOPPING CLUB
0
SOLD (500 POINTS)
B OIL COMPANY
0
SOLD (15,520 POINTS)
510
CONFIRMATION